

[Name of the document] Abstract

[Object] The oblique contact ball bearing is provided wherein a preload adjustment is able to be carried out in a wide range of adjustment so as to easily impart a preload.

5 [Means for settlement] In order that the oil-less state is easily generated when a predetermined press-contact force (thrust load) is imparted to the balls and the railway and at the same time the oil is remained as much amount as necessary for rust prevention, the oil having a kinematic viscosity in the range 10 of 1-30 mm²/s at 20°C is used and a preload is set in the state where the rotation torque of the bearing is made large.

[Selected drawing] FIG.3

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